

		<u>Atty. Docket No.</u>		<u>Serial No.</u>		
		SEL 142		09/435,154		
		<u>Applicant</u> Shunpei YAMAZAKI et al				
<u>Filing Date</u> November 8, 1999		<u>Group</u> 2811				
US PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Loke	4,394,182	07/19/83	Maddox, III	148	1.5	10/14/81
	4,851,363	07/25/89	Troxell et al	437	40	03/21/88
	5,217,910	06/08/93	Shimizu et al	437	35	10/24/91
	5,254,490	10/19/93	Kondo	437	44	01/22/92
	5,401,982	03/28/95	King et al	257	59	03/03/94
	5,413,945	05/09/95	Chien et al	437	35	08/12/94
	5,528,397	06/18/96	Zavracky et al	359	59	07/28/94
	5,532,176	07/02/96	Katada et al	437	34	07/26/94
	5,583,369	12/10/96	Yamazaki et al	257	635	03/12/96
	5,686,328	11/11/97	Zhang et al	437	41	07/11/94
	5,705,424	01/06/98	Zavracky et al	437	86	03/21/94
	5,736,750	04/07/98	Yamazaki et al	257	59	05/28/96
	5,764,206	06/09/98	Koyama et al	345	80	04/18/95
	5,830,787	11/03/98	Kim	438	163	11/12/96
	5,949,107	09/07/99	Zhang	257	347	11/05/96
	6,001,714	12/14/99	Nakajima et al	438	525	09/26/97
	6,030,667	02/29/00	Nakagawa et al	427	569	12/24/97
	6,049,092	04/11/00	Konuma et al	257	66	04/10/97
	6,087,679	07/11/00	Yamazaki et al	257	65	07/22/98
	6,114,715	09/05/00	Hamada	257	72	11/28/97
	6,133,074	10/17/00	Ishida et al	438	153	07/13/98
	6,140,667	10/31/00	Yamazaki et al	257	59	02/20/98
	6,165,824	12/26/00	Takano et al	438	160	03/03/98
	6,166,414	12/26/00	Miyazaki et al	257	369	08/25/99
	6,222,238 B1	04/24/01	Chang et al	257	369	07/02/97
6,285,042 B1	09/04/01	Ohtani et al	257	66	09/12/97	
6,307,214 B1	10/23/01	Ohtani et al	257	59	05/27/98	
6,335,541 B1	01/01/02	Ohtani et al	257	59	04/15/96	
6,348,368 B1	02/19/02	Yamazaki et al	438	166	10/14/98	
6,365,933 B1	04/02/02	Yamazaki et al	257	347	10/14/97	
US 2002/0134983 A1	09/26/02	Yamazaki	257	72	02/22/02	
6,479,333 B1	11/12/02	Takano et al	438	159	03/21/00	
6,507,069 B1	01/14/03	Zhang et al	257	336	03/15/00	
6,541,294 B1	04/01/03	Yamazaki et al	438	29	07/18/00	
6,590,230 B1	07/08/03	Yamazaki et al	257	72	10/15/97	



LIST OF PUBLICATIONS CITED BY APPLICANT	<u>Atty. Docket No.</u> SEL 142	<u>Serial No.</u> 09/435,154
	<u>Applicant</u> Shunpei YAMAZAKI et al	
	<u>Filing Date</u> November 8, 1999	<u>Group</u> 2811

US PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Locke	6,646,287 B1	11/11/03	Ono et al	257	66	11/17/00
	6,664,145 B1	12/16/03	Yamazaki et al	438	149	07/19/00
	6,773,971 B1	08/10/04	Zhang et al	438	163	09/03/97
	6,867,431 B2	03/15/05	Konuma et al	257	66	09/16/94
	US 2005/0104068 A1	05/19/05	Yamazaki	257	66	12/17/04
Locke	US 2005/0110016 A1	05/26/05	Yamazaki	257	66	12/17/04
	6,909,114 B1	06/21/05	Yamazaki	257	66	11/04/99

FOREIGN PATENT DOCUMENTS

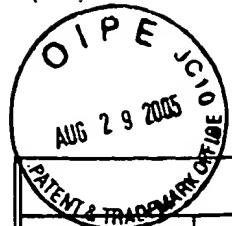
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

--	--

EXAMINER:	Locke	DATE CONSIDERED:	4/5/06
-----------	-------	------------------	--------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
Loke	JP 60-127761	07/08/85	Matsushita Electric Ind. Co. Ltd.	X		12/15/83
Loke	JP 04-258160	09/14/92	NEC Corp.	X		02/13/91
Loke	EP 0 583 370 A2	03/23/94	Matsushita Electric Ind. Co. Ltd.			09/20/93
Loke	EP 0 589 478 A2	03/30/94	Sony Corp.			09/24/93
Loke	JP 06-148685	05/27/94	Toshiba Corp.		X	11/13/92
Loke	JP 07-235680	09/05/95	Toshiba Corp.		X	02/24/94
Loke	JP 08-264784	10/11/96	Sony Corp.	X		03/28/95
Loke	EP 0 738 012 A2	10/16/96	Canon Kabushiki Kaisha			04/10/96
Loke	JP 08-274336	10/18/96	Toshiba Corp.		X	03/30/95
Loke	JP 09-191111	07/22/97	Semiconductor Energy Lab Co. Ltd.			07/26/96
Loke	JP 09-293600	11/11/97	Matsushita Electric Ind. Co. Ltd.	X		01/08/97
Loke	JP 10-065181	03/06/98	Semiconductor Energy Lab Co. Ltd.	X		04/04/97
Loke	JP 10-104659	04/24/98	Toshiba Corp.	X		09/26/96
Loke	JP 10-233511	09/02/98	Toshiba Corp.	X		02/21/97
Loke	JP 10-294280	11/04/98	Semiconductor Energy Lab Co. Ltd.	X		02/09/98
Loke	JP 11-191628	07/13/99	Semiconductor Energy Lab Co. Ltd.	X		05/16/98
Loke	JP 11-345767	12/14/99	Semiconductor Energy Lab Co. Ltd.	X		05/16/98
Loke	JP 11-354442	12/24/99	Semiconductor Energy Lab Co. Ltd.	X		05/15/98

**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS
(Including Author, Title, Date, Pertinent Pages)**

Loke	1) SHIMOKAWA, R. et al, "Characterization of High-Efficiency Cast-Si Solar Cell Wafers by MBIC Measurement," Japanese Journal of Applied Physics, vol. 27, no. 5, pp. 751-758, May, (1988).
Loke	2) European Patent Office search report for application no. EP 99 12 2785.1, dated November 21, 2000.

EXAMINER:

Loke

DATE CONSIDERED:

4/5/06

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Atty Docket No.</u> SEL 142		<u>Serial No.</u> 09/435,154		
		<u>Applicant</u> Shunpei YAMAZAKI et al				
		<u>Filing Date</u> November 8, 1999		<u>Group</u> 2811		
U. S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
<i>Loke</i>	JP 10-233511	09/02/98	Toshiba Corp.		X	02/21/97
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS (Include name of author (in CAPITAL LETTERS), title of article or item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages(s), volume-issue number(s), publisher, city and/or country where published).						
EXAMINER:	<i>Loke</i>			DATE CONSIDERED: <i>4/15/06</i>		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.						

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 2, 2005.

PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/435,154
		Filing Date	November 8, 1999
		First Named Inventor	Shunpei Yamazaki
		Art Unit	2811
(Use as many sheets as necessary)		Examiner Name	S. Loke
		Attorney Docket Number	SEL 142
Sheet	1	of	1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				

Examiner Signature	Loke	Date Considered	4/5/06
-----------------------	------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 19, 2006

PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 09-2000. GPO 2001-083.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office, U.S. GOVERNMENT OF COMMERCE
Do not file a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	09/435,154
Filing Date	November 8, 1999
First Named Inventor	Yamazaki
Art Unit	2811
Examiner Name	S. Lake
Attorney Docket Number	SEL 142

O I P E
JAN 23 2006
U.S. PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Lake

**Date
Considered**

4/5/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com